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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/627,684	07/28/2000	Jaakko Rajaniemi	975.311USW1	3794

32294 7590 06/25/2003

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EXAMINER

SMITH, SHEILA B

ART UNIT	PAPER NUMBER
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2681

DATE MAILED: 06/25/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/627,684

Applicant(s)

RAJANIEMI, JAAKKO

Examiner

Sheila B. Smith

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This action is to correct and replace the incomplete final action that was mailed on 12/17/02.

in response to interview of 2/25/03

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-6, 9, and 19-21, is rejected under 35 U.S.C. 102(e) as being anticipated by Dean et al. (U. S. Patent Number 6,173,173)

Regarding claims 1- 6, 9, and 19-21, Dean et al. discloses all the claimed invention as set forth in the instant application, in addition Dean et al. discloses a invalid mobile telephone call terminating system and method further Dean et al. discloses a method for performing a detach of a terminal registered to a network by associating an identification for terminal deriving a signature for identification, and allocation a pair consisting of (which reads on client's request number) and "identification signature" (which reads on signature dn,) terminal, method comprising the steps of comprising "sending a detach request" (which reads on kill call request message) detach request including identification and identification signature from registered terminal to network as disclosed (column 7 lines 62-67), receiving detach request at the network side as disclosed (column 4 lines 1-5), comparing received detach request with a record of registration date of terminal kept at the network side request as disclosed (column 8 lines 1-7), detaching terminal from network (which reads on tearing down from the network a call or kill

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call from the network as disclosed in column 1 lines 57-67), if received detach request coincides with said record of registration data as disclosed (column 8 lines 1-7) .

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 7-8, 10-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dean et al. in view of Kuriki (U. S. Patent Number 5,765,105).

Regarding claims 7,8,15,16,17,18, Dean et al. discloses everything claimed, as applied above (see claims 1) however, Dean et al. fails to specifically disclose temporary subscriber and international subscriber identity.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki discloses a international subscriber identity in column 1 lines 25-30.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Dean et al. by modifying a invalid mobile telephone call terminating system and method with the use of a temporary subscriber and international subscriber identity as taught by Kuriki for the purpose of authenticating the number.

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Regarding claim 10, Dean et al. discloses everything claimed, as applied above (see claims 1) however, Dean et al. fails to specifically discloses sending a registration request from terminal to network.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki discloses a registration request from a terminal to network as disclosed in column 4 lines 25-34.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Dean et al. by modifying a invalid mobile telephone call terminating system and method with the use of a registration request from a terminal to network as taught by Kuriki for the purpose of authenticating the number.

Regarding claims 11-14, Dean et al. discloses everything claimed, as applied above (see claims 1) however, Dean et al. fails to specifically discloses a registration request from terminal to network.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki. discloses a registration request from a terminal to network as disclosed in column 11 lines 48-64.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Dean et al. by modifying a invalid mobile telephone call terminating system and method with the use of a registration request from a terminal to network as taught by Kuriki for the purpose of authenticating the number.

Response to Arguments

3. Regarding the interview held on 2/25/03 after further review of the prior art the examiner contends that the Dean reference does read on detaching a call from the network, the act of terminating a call is detaching it .

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila B. Smith whose telephone number is (703)305-0104. The examiner can normally be reached on Monday-Thursday 6:00 am - 3:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on 703-305-4778. The fax phone numbers for the organization where this application or proceeding is assigned are (703)872-9314 for regular communications and (703)308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-9700.

S. Smith
June 19, 2003


EDWARD F. URBAN
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